

L Number	Hits	Search Text	DB	Time stamp
1	94	((((705/32) or (705/30) or (705/52) or (705/77) or (709/200) or (709/208) or (709/211) or (709/217) or (709/219) or (700/14) or (700/15) or (700/16) or (705/400)).CCLS.) and (stor\$3 NEAR3 (data information))) and ((bill\$3 charg\$3 sell\$3) near3 stor\$3)) and ((rent\$3 leas\$3) near3 stor\$3) 705/32.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 14:09
-	132		USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/28 10:41
-	2	20030061125.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/28 10:40
-	105	705/32.ccls. and (stor\$3 NEAR3 (data information))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/28 11:37
considered all	16	(705/32.ccls. and (stor\$3 NEAR3 (data information))) and ((bill\$3 charg\$3 sell\$3) near3 stor\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/28 11:38
-	1101	((705/32) or (705/30) or (705/400)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/28 11:37
-	733	(((705/32) or (705/30) or (705/400)).CCLS.) and (stor\$3 NEAR3 (data information))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/28 11:38
-	125	((((705/32) or (705/30) or (705/400)).CCLS.) and (stor\$3 NEAR3 (data information))) and ((bill\$3 charg\$3 sell\$3) near3 stor\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/28 11:39
-	29	((((705/32) or (705/30) or (705/400)).CCLS.) and (stor\$3 NEAR3 (data information))) and ((bill\$3 charg\$3 sell\$3) near3 stor\$3)) and ((rent\$3 leas\$3) near3 stor\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 14:07
considered all	26	((((705/32) or (705/30) or (705/400)).CCLS.) and (stor\$3 NEAR3 (data information))) and ((bill\$3 charg\$3 sell\$3) near3 stor\$3)) and ((rent\$3 leas\$3) near3 stor\$3)) not ((705/32.ccls. and (stor\$3 NEAR3 (data information))) and ((bill\$3 charg\$3 sell\$3) near3 stor\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/28 11:41
considered all	0	6411943.URPN.	USPAT	2003/04/28 12:32
	86	("3718906"   "3917934"   "3934079"   "4278837"   "4319079"   "4465901"   "4528643"   "4649479"   "4675828"   "4685055"   "4796220"   "4827508"   "4868758"   "4901223"   "4954945"   "4959861"   "4962449"   "4982234"   "4994963"   "4999806"   "5005122"   "5007082"   "5023774"   "5060185"   "5089958"   "5107456"   "5109515"   "5181238"   "5182770"   "5204897"   "5210866"   "5212784"   "5222134"   "5257367"   "5265153"   "5276441"   "5276867"   "5291554"   "5313637"   "5317728"   "5325430"   "5353283"   "5353411"   "5367698"   "5371852"   "5379418"   "5383129"   "5388211"   "5390297"   "5404508"   "5404527"   "5412801"   "5426594"   "5446871"   "5448718"   "5469573"   "5479654"   "5497463"   "5497479"   "5509070"   "5515502"   "5535407"   "5544320"   "5555371"   "5559991"   "5568551"   "5577222"   "5588109"   "5594663"   "5606719"   "5646984"   "5664186"   "5671285"   "5689476"   "5696901"   "5727065"   "5732401"   "5751799"   "5771354"   "5799285"   "5809145"   "5889942"   "5893077"   "5901228"   "5949415"   "6014651").PN.	USPAT USPAT	2003/04/28 12:32 2003/04/28 12:32

- Considered all	(2)	5367704.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/29 14:02
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# Databases for DIALOG search

## SHOW FILES

File 15:ABI/Inform(R) 1971-2004/Oct 20  
(c) 2004 ProQuest Info&Learning  
File 9:Business & Industry(R) Jul/1994-2004/Oct 19  
(c) 2004 The Gale Group  
File 610:Business Wire 1999-2004/Oct 18  
(c) 2004 Business Wire.  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 275:Gale Group Computer DB(TM) 1983-2004/Oct 20  
(c) 2004 The Gale Group  
File 476:Financial Times Fulltext 1982-2004/Oct 20  
(c) 2004 Financial Times Ltd  
File 624:McGraw-Hill Publications 1985-2004/Oct 19  
(c) 2004 McGraw-Hill Co. Inc  
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Oct 18  
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File 636:Gale Group Newsletter DB(TM) 1987-2004/Oct 20  
(c) 2004 The Gale Group  
File 613:PR Newswire 1999-2004/Oct 19  
(c) 2004 PR Newswire Association Inc  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 16:Gale Group PROMT(R) 1990-2004/Oct 20  
(c) 2004 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 634:San Jose Mercury Jun 1985-2004/Oct 19  
(c) 2004 San Jose Mercury News  
File 148:Gale Group Trade & Industry DB 1976-2004/Oct 15  
(c)2004 The Gale Group  
File 20:Dialog Global Reporter 1997-2004/Oct 20  
(c) 2004 The Dialog Corp.  
File 35:Dissertation Abs Online 1861-2004/Sep  
(c) 2004 ProQuest Info&Learning  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 65:Inside Conferences 1993-2004/Oct W3  
(c) 2004 BLDSC all rts. reserv.  
File 2:INSPEC 1969-2004/Oct W2  
(c) 2004 Institution of Electrical Engineers  
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep  
(c) 2003 EBSCO Pub.  
File 474:New York Times Abs 1969-2004/Oct 19  
(c) 2004 The New York Times  
File 475:Wall Street Journal Abs 1973-2004/Oct 19  
(c) 2004 The New York Times  
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Sep  
(c) 2004 The HW Wilson Co.  
File 256:TecInfoSource 82-2004/Jul  
(c)2004 Info.Sources Inc  
File 348:EUROPEAN PATENTS 1978-2004/Oct W01  
(c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20041014,UT=20041007  
(c) 2004 WIPO/Univentio  
File 347:JAPIO Nov 1976-2004/Jun(Updated 041004)  
(c) 2004 JPO & JAPIO  
?

## DIALOG search

Set	Items	Description
S1	15335	((RENT???) OR (LEAS???))(2N)(STORAGE)) OR (((RENT???) OR - (LEAS???))(2N)(DISK(W)SPACE))
S2	5238	S1 AND ((STOR????)(3N)((INFORMATION) OR (DATA)))
S3	258	S2 AND ((BILL??? OR CHARG??? OR SELL???) (3N)((STORAGE) OR - (DISK(W)SPACE)))
S4	89	PD=19900101:20010418 AND S3
S5	89	RD S4 (unique items)
S6	84	S4 AND (PORTION OR PART OR ADDITION??) scanned abstracts
S7	630223	6 AND MEMORY
S8	63	S6 AND MEMORY scanned abstracts
S9	6	S8 AND CACHE considered all
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*Dialog abstracts all considered*

T S9/AB/ALL

>>>No matching display code(s) found in file(s): 65, 624, 634, 810, 813

**9/AB/1 (Item 1 from file: 148)**

DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

**9/AB/2 (Item 1 from file: 348)**

DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

ABSTRACT EP 701255 A2

A "zero phase start" optimization circuit (500) for a Partial Response, Maximum Likelihood ("PRML") data channel determines a more optimal starting phase for the timing recovery process in a synchronous communication or storage system. The disclosed circuit includes a quantizer (501), a summing junction (502), means (504) for obtaining either an absolute value or squaring function, and an integrator (508). A firmware based optimization routine causes a timing control loop to go through a series of timing acquisition modes, each time starting a clocking oscillator at different phase. The optimization circuit calculates the mean squared error between actual and expected sample values from a known frequency preamble pattern for each timing acquisition. The minimum MSE value corresponds to a more optimal starting phase for the timing control loop oscillator.

**9/AB/3 (Item 2 from file: 348)**

DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

ABSTRACT EP 595454 A2

A class IV partial response, maximum likelihood data channel for a disk drive includes an encoder connected to a data sequencer for converting user data blocks into a predetermined 8/9ths code such as a (0,4,4,) code. A precoder (34) converts the 8/9ths code into class IV code. An analog write driver (36) supplies the class IV code to a data transducer head (26) during data write-to-disk operations. A read channel connected to the head amplifies and conditions analog signals during data read operations. A quantizer (46) produces samples of the analog signals in accordance with a quantization clock generated by a clock generator. An adaptive FIR filter means (48) is conditions the data samples in accordance with selectable, adaptive filter coefficients. A Viterbi detector (50) puts out the class IV code from the filtered and quantized samples. A postcoder (52) converts the detected class IV code into detected 8/9ths code. A decoder (32) converts the detected 8/9ths code into user data and supplies user data to the sequencer (19). The programmable FIR filter is provided with servo coefficients during reading of the servo sectors, and an asynchronous servo detector detects head position information from the quantized and filtered samples without phase locking of the quantization clock generator to the quantized servo samples. The asynchronous servo detector is also used to aid detection of sync field preamble information before the FIR filter is fully adapted. Multi-mode gain and timing loops are also a **part** of the present invention. (see image in original document)

**9/AB/4 (Item 1 from file: 349)**

DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

English Abstract

A hybrid telecommunication system includes a switched network which transfers information across the Internet to provide multi-routed and multidimensional callback processing. The hybrid network includes one or more switched networks coupled to one or more packet transmission networks, and a call router coupled to the switched communication network and the packet transmission network to route information to the

appropriate switched telephony device or Internet device address. A computer with an attached display communicates with the packet transmission network. The computer is used to initiate remote management of the hybrid network, including tests of the hybrid network. The tests include circuit analysis such as selecting signaling states which could be loop start, ground start, or detecting signals such as dual tone multifrequency, multifrequency or dialpulse. The hybrid network includes support for an operator to monitor the management of the hybrid network, and an expert system to regulate the Quality of Service of the hybrid telecommunication system.

#### French Abstract

La presente invention se rapporte a un systeme de telecommunications hybride comprenant un reseau commute qui transmet les informations via Internet pour permettre un traitement de rappel multidimensionnel a acheminements multiples. Ce systeme hybride comprend un ou plusieurs reseaux commutes couples a un ou a plusieurs reseaux de transmission par paquets, un dispositif d'acheminement d'appels couple au reseau commute, et un reseau de paquets acheminant les informations a l'adresse du dispositif telephonique commute ou du dispositif Internet. Un ordinateur equipe d'un afficheur communique avec le reseau de paquets. L'ordinateur assure le declenchement de la telegestion du reseau hybride ainsi que des tests du reseau hybride. Ces tests comprennent l'analyse du circuit et notamment la selection des etats de signalisation ainsi que le demarrage sur court-circuit ou sur prise de terre, mais aussi la detection de signaux tels que les multifrequences bi-tons, les multifrequences ou les impulsions. Le reseau hybride assure une assistance operateur permettant de surveiller la gestion du reseau hybride, un systeme expert assurant le controle qualite de service (QOF) du systeme de telecommunications hybride.

9/AB/5 (Item 2 from file: 349)

DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

#### English Abstract

Telephone calls, data and other multimedia information is routed through a hybrid network which includes transfer of information across the internet. A media order entry captures complete user profile information for a user. This profile information is utilized by the system throughout the media experience for routing, billing, monitoring, reporting and other media control functions. Users can manage more aspects of a network than previously possible, and control network activities from a central site.

#### French Abstract

Des appels telephoniques, des donnees et autres informations multimedias sont achemines par un reseau hybride capable egalement de transmission de donnees par l'Internet. Une rubrique d'ordonnancement des supports utilise en mode exclusif des informations completes de profils utilisateurs concernant un meme utilisateur. Ces informations de profils sont utilisees par le systeme, pendant toute la duree active du support, a des fins d'acheminement, de facturation, de surveillance, de compte-rendu et autres fonctionnalites de gestion de supports. Les utilisateurs peuvent ainsi gerer un plus grand nombre de fonctionnalites reseau et gerer des activites reseau depuis un site central.

9/AB/6 (Item 3 from file: 349)

DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

#### English Abstract

The present invention provides systems and methods for electronic commerce including secure transaction management and electronic rights protection. Electronic appliances such as computers employed in

accordance with the present invention help to ensure that information is accessed and used only in authorized ways, and maintain the integrity, availability, and/or confidentiality of the information. Secure subsystems used with such electronic appliances provide a distributed virtual distribution environment (VDE) that may enforce a secure chain of handling and control, for example, to control and/or meter or otherwise monitor use of electronically stored or disseminated information. Such a virtual distribution environment may be used to protect rights of various participants in electronic commerce and other electronic or electronic-facilitated transactions. Secure distributed and other operating system environments and architectures, employing, for example, secure semiconductor processing arrangements that may establish secure, protected environments at each node. These techniques may be used to support an end-to-end electronic information distribution capability that may be used, for example, utilizing the "electronic highway".

#### French Abstract

Systemes et procedes destines au domaine du commerce electronique, et notamment a la gestion securisee des transactions et a la protection electronique des droits. Les appareils electroniques tels que les ordinateurs utilises conformement a la presente invention permettent d'assurer que les informations ne sont consultees et exploitees que de maniere autorisee, et ils conservent l'integrite, la disponibilite et/ou le caractere confidentiel des informations. Les sous-systemes securises utilises en association avec de tels appareils electroniques constituent un environnement de distribution virtuel distribue (VDE) apte a imposer une chaine securisee de traitement et de commande, par exemple pour la commande et/ou la mesure ou encore le controle de l'utilisation d'informations stockees ou diffusees electroniquement. Cet environnement de distribution virtuel peut servir a proteger les droits de differents individus impliquees dans le commerce electronique et dans d'autres transactions electroniques ou assistees par des moyens electroniques. On a egalement prevu des environnements et architectures de systeme d'exploitation distribues, securises et autres mettant en oeuvre, par exemple, des ensembles de traitement securise a semi-conducteurs pouvant etablir des environnements securises et proteges au niveau de chaque noeud. Ces techniques peuvent servir de soutien pour une fonction electronique de distribution d'informations de bout en bout, cette fonction etant utilisable, par exemple, dans le domaine de l'"autoroute electronique".

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DIALOG "toolkit"

Searching ...

LOG OFF

Search results: 0 titles

Full text database Group 1

**Search Report**

Database Name	Database Number
BUSINESS & INDUS	9
BUSINESS WIRE	810
MCGRAW-HILL PUBS	624
PR NEWswire	813
NEWSLETTER DB	636
NEW PRODUCT ANNMNT	621
GLOBAL REPORTER	20
AMERICAN BANKER	625
BOND BUYER	626
DIALOG FIN & BANK	267
KR/T BUS NEWS	608
SAN JOSE MERCURY	634

Set	Description
S1	(((((rent???) OR (leas???))(2N)storage)) OR (((rent???) OR (leas???))(2N)(disk(W)space))))
S2	S1
S3	(eft or efts or electronic()funds()transfer???? or financial()(electronic()data()interchang? or edi) or fedi)/ti,de,ab
S4	s2 and s3
S5	RD
S6	SORT /ALL/pd,a

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- Exclude "implied concepts": leave out words like 'research' or 'effects.'
- Use more wildcards to search different word endings: use COMPUTER? in place of COMPUTER.
- Check the format of your entry. Follow the Search Tips examples shown on the search page.
- Check for misspelled words.
- Check that you are using parentheses correctly when you combine words with AND, OR, NOT.



"DIALOG" "Toolkit"

Searching ...

LOGOFF

Search results: 0 titles

Full text database group 1

**Search Report**

Database Name	Database Number
ABI/INFORM	15
TRADE&INDUSTRY	148
PROMT (90-PRESENT)	16
PROMT (1972-1989)	160
COMPUTER DATABASE	275
Set	Description
S1	(((((rent???) OR (leas???))(2N)storage) OR (((rent???) OR (leas???))(2N)(disk(W)space)))
S2	S1
S3	(eft or efts or electronic()funds()transfer???? or financial()(electronic()data()interchang? or edi or fedi)/ti,de,ab
S4	s2 and s3
S5	RD
S6	SORT /ALL/pd,a

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